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Press Information

Hertz

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U.S. Car & Truck Costs and Mileage Rise Again...

NATION'S '86 SPENDING TO OWN, RUN MOTOR VEHICLES
UP 10.7% TO $835 BILLION; AUTOS RISE $52 A UNIT;
TOTAL MILEAGE ZOOMS 8.2% TO 1.78 TRILLION

Americans drove a record 1.78 trillion miles in 1986, boosting the nation's yearly spending to own and run cars and trucks by $136 billion, or 10.7%, to a new high of $834.7 billion, Hertz Corp.'s new annual estimate of U.S. motor vehicle costs showed today.

Yearly per-auto expenses were up 1.8%, or $52, to $3,002 — 32.26¢ a mile — and overall auto outlays climbed 4.2% to $395.1 billion, as passenger cars on the road advanced 2.3% to 131.6 million, and per-car mileage advanced 4.6% to 9,304 or 1.224 trillion miles according to the rental company's latest yearly study.

With the zooming popularity of mini-vans, officially classed as commercial vehicles, truck outlays were up 3.1% to $9,808—78.21¢ a mile—for a 439.6 billion '86 aggregate, 10% over '85. This is the second straight year truck outlay have exceeded cars.

It was the fourth consecutive year per-unit passenger car mileage has risen since driving reached a post-World War II low of 8,037 annual miles in 1982, the Hertz statistics show.

The Hertz Corporation
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In the past three years, auto travel has risen 11.97%: to 8,317 in '83; 8,586 in '84 and 8,894 in '85. From 1972 — the last full year before the first Arab oil embargo — to 1982, annual car mileage dropped 22% from its all-time high of 10,362.

The figures include young, old, new, used, large and small autos. The company previously (2/24/87) estimated typical ownership and operating costs at 48.48¢ a mile for compact models bought new and driven 10,000 miles a year for five years — up from 47.64¢ in '85 . The firm also reported (6/1/87) its yearly used car poll showed per-mile vehicle costs averaged 25.52¢ (up from '85's 25.72¢) for compacts bought at age five years and driven 10,000 annual miles for another five years.

Lower fuel prices, better fuel efficiency and reduced interest rates saved U.S. auto drivers an average $156 last year, but higher depreciation, licenses, fees, insurance, repairs and maintenance added $207, for a $51 yearly net ownership and operating expense gain, the latest analysis found.

Trucks in service leaped 6.7% from 42 to 44.8 million, as new commercial vehicle sales topped 4.8 million to set a 4-million-plus record for the third straight year, Hertz's report noted. Truck 1986 mileage also was up 4% from 12,064 to a record 12,541 a unit, topping the previous record of 12,269 in 1972.

The total U.S.car and truck spending of $834.7 is up 7.1% from the $779.1 billion spent in 1985, according to the Hertz report.

A special Hertz study found 11.03% of 1986 truck mileage was for vacations, commuting, business trips and other non-freight journeys. Some 92% of "commercial vehicles" are now smaller (Class 1-2) units under 10,000 lbs., such as vans, pickups and utility units — often used for mini-campers and other people-hauling tasks. The 92% compares with 80% for light units in 1972.

Since 1973, sales of larger "standard" and "luxury" cars dropped from 30% to 10.2% last year. But sub-compacts rose from 10.7% to 22.4%, compacts from 16.8% to 23.4% and intermediates from 23.4% to 33.45%. In addition, cars in most size classifications are a foot shorter and 1,000 lbs., lighter than in the early 1970's.

Smaller, Older Cars and Trucks

For the third year since 1969, average age of autos on U.S. road remained at 7.6 years. Between 1969 and 1984 average car age increased from 5.5 years to 7.6. Cars today are older than at any time since 1950, following World War II when Detroit did not sell autos.

Spurred by recent record minivan and other truck registrations, though, average age of "commercial vehicles" in service dropped to 8.10 years from 8.12 in 1985, but remained at its third oldest since 1964.

In another illustration of how motorists have down-graded driving outlays, since 1972 AVERAGE yearly per-unit passenger car ownership and operating costs climbed 145% — versus a 162% advance in inflation and a 268% surge in personal income. Average new car purchase prices rose 228%.

For COMPARABLE autos, however, purchase prices are up 238% in those 14 years and owning and running comparable cars soared 285%, the Hertz study shows:—

> ...in 1972, average ownership and operating expenses amounted to $1256, or 12.1¢ a mile, for the average 10,362 miles travelled, the new Hertz study notes. The 1986 $3002 for the typical 9,304 miles driven last year, is 140% higher;
> ...total 1986 new car purchases of 11.1 million units cost $122.6 billion last year, $11,010 per auto, up 833% from $10,439, or $110.7 billion for 10.8 million autos in 1985, for a 10.85% aggregate advance; ...this latest $950 sticker surge is 223% over the $3404 average purchase price for a typical 1972 model;
> ...for comparably-equipped ("intermediate-") sized units, purchase price increases — from $3425 to $11,572 — totalled 238%!
> ... on comparably-sized and -driven intermediates the '72-86 rise was from $1240 to $4285 —245% for ownership & operating costs.

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Interest, Fuel Down; Other Items Up

For the estimated 131.6 million cars on the road last year, total 1986 depreciation amounted to $68.7 billion —$522 a car—up 8.5% from $63.2 0billion — $492 per auto — for 128.6 million units in service in '85.

Hertz' cost studies use depreciation --the difference between a unit's purchase and selling prices —rather than just purchase price, as depreciation expenses continue even if a new vehicle is not acquired in a given year.

For the third straight year, auto interest and fuel costs were down. Total 1986 auto fuel expenses dropped $14.2 billion to $63.3 billion from $77.5 billion, a $481 or 20.2% per unit, fall from $603 to $481 — from 6.78¢ a mile to 5.17¢. The drop stemmed from lower pump prices and increased fuel efficiency. Despite the 410-mile travel advance last year, estimated 1986 per-car fuel consumption fell 22 gallons to 525 a year.

Per car interest costs fell 12.2% — from $279 a year per car, or 3.13¢ a mile in '85 to $245 or 2.63¢ in '86, dropping aggregate outlays from $35.88 billion to $32.24 billion.

On the other hand, the nation's old, high-mileage car fleet spurred a 11.2% rise in per car maintenance, repairs and miscellaneous outlays. These climbed to $1035, or 111.12¢ a mile in 1986 from $931 or 10.46¢ in '85. The 1986 total came to $136.2 billion vs. $119.72 billion in 1985. The category insurance, licenses and fees totalled $94.6 billion, $719 a unit, or 7.72¢ a mile in '86. This annual outlay was up 13.9% a unit from 1985's total of $83.1 billion, $646 a car or 7.26¢ a mile.

Spending Up Vs. GNP, Down Vs. Personal Income

The 1986 $834.7 billion outlays for both cars and trucks came to 22.8% of U.S. gross national product, against 21.61 in '85, 20.3% IN '84 and 21.3% in '83. Passenger-car-only spending amounted to 11.5% of '86 personal income in 11.4% in 85 in '84, 12.7% in '83, 13.8% in '82 and a 14.8% high in 1980.

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The aggregate increase in 1986's motor vehicle spending also reflects the fact that the number vehicles on the road rose 3.4% to 176.4 million from 170.6 in '85. Cars were up 2.3% from an estimated 128.6 million in 1985 to 131.6 in 1986, while trucks climbed 6.7% from 42 million units in '85 to 44.8 million last year. (Projected U.S. population was 239.3 million.)

The Hertz cost estimates stress per-unit annual dollar costs because differing yearly mileage by motorists can alter per-mile expenses sharply.

How Driving Less Saves

For such annual fixed or "standing" outlays as licenses, fees, sales tax, insurance and interest charges, driving fewer miles each year raises per-mile outlays. But this usually lengthens car life, lowers annual depreciation and saves fuel, oil, tire, battery and repair "running" charges — thus cutting the key overall yearly dollar costs.

At equal annual 9,304 mileage, a compact 1986 auto bought new and kept one year would cost $5702, according to the rental company's report, or 61.69¢ a mile. For 5,000 miles of yearly driving, however, per-mile expense rises to $1.0451; but annual costs are just $5226. At 20,000 annual miles, though, per-mile costs drop to 35.13¢, but dollar spending climbs to $7036.

Keeping the same car 10 years, rather than one, reduces both annual dollars outlays and per-mile expenses. At the typical 9,304 miles a year driving, per-mile costs shrink to 39.47¢ a mile from the 61.29¢ annual trading costs; and, yearly outlays fall from $5782 to $3672, a 36% savings.

In spite of travel increases the past four years, per-car mileage is down 10.2% since the 1972 high of 10,362 per year. However, in these prior 13 years, the nation's 31.8 million population climb combined with a 34.8 million rise in the of cars on the road — producing an aggregate advance in passenger car mileage of 22% to 1.224 billion miles in 1986, up 7% over '85.

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Per-unit truck mileage is now 157% over its 12,269-mile 1972 record, but since then a 23.2 million (107%) surge in trucks in service to 1986's 44.8 million units put overall truck mileage up 112% since '72 to 562 billion miles, a 10.8% rise over 507 billion miles in '85.

The combination 1.78 billion 1986 car-truck total — 10,122 a unit — is up 8.2% for '86 and 41% ahead in the past 13 years. Vehicle mileage for 1985 came to 1.650 trillion miles, a 9,675 per-unit average last year.

Changes Since 1950 Are Marked

In 1950, according to Hertz' data, motorists spent just $40.6 billion to run 49.2 million cars and trucks 458 billion miles, with auto costs then $724 or 8¢ a mile for 9,032 miles averaged then. By 1972, expenditures were $187 billion for 118.5 million units logging 1.268 trillion miles.

In the 36-year period from 1950 to 1986, auto interest expenses were up 480% from $51. Sticker prices rose 583% from $1612. Maintenance, repairs and miscellaneous expenses are ahead 418% from $200 a year. Fuel costs climbed 298% from $167. Insurance, licenses and fees went up 418% from $145.

Highway fuel consumption in 1950 totalled just 35.5 billion gallons, 25.2 billion for cars, 10.3 billion for trucks. Per-car thirst was 626 gallons for that year's average 9,032 miles run. But, per-person, passenger car fuel use then was just 168 gallons, versus 337 in '72 and 289 last year.

Motor vehicle 1986 fuel use just topped the previous peak of 116.4 billion gallons in 1986. But the prior'78 record represented an average of 654 per car. The '86 total is just 682 gallons a vehicle, 525 a car, the Hertz study noted.

Hertz study estimates are based on the company's own experience, on its nationwide sample polls, plus projections using public and industry registration and mileage statistics.

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VEHICLE OPERATING COSTS & FUEL USAGE KEY YEAR SUMMARIES Table IA 7/87

Years	1950			1972*		
Vehicles	Cars	Trucks	Total	Cars	Trucks	Total
Descriptions						
Overall Operating Costs (B$)	29.2	11.4	40.6	121.6	65.4	187.0
-Per Unit ($)	724	1294	825	1256	3029	1579
-Per Mile (¢)	0.0800	0.1211	0.0884	0.1210	0.2469	0.1473
-Per Capita ($)	194	76	269	586	315	901
Depreciation Cost-Total (B$)	6.5	3.2	9.7	33.0	19.6	52.6
-Per Unit ($)	163	363	197	341	907	444
-Per Mile (¢)	0.0178	0.0340	0.0211	0.0329	0.0740	0.0414
-Per Capita ($)	43	21	64	159	94	253
Fuel Cost Total (B$)	6.8	2.8	9.5	25.3	10.6	35.9
-Per Unit ($)	167	318	193	261	491	303
-Per Mile (¢)	0.0185	0.0298	0.0207	0.0252	0.0400	0.0283
-Per Capita ($)	45	19	63	122	51	173
Other Costs Total (B$)	15.9	5.4	21.4	63.3	35.2	98.5
-Per Unit ($)	395	614	435	654	1630	831
-Per Mile (¢)	0.0437	0.0574	0.0466	0.0631	0.1328	0.0776
-Per Unit Analysis ($)						
(Lic., Fees, Ins.)	145	261	165	248	617	315
(Interest)	51	92	58	111	283	142
(Repairs, Misc.)	200	261	212	296	728	374
New Veh. Purch.Pr.-Tot.(B$)	10.2	2.0	12.2	35.4	11.4	46.8
-Per Unit ($)	1612	1846	1627	3404	4542	3628
New Vehs.Registered (Mils.)	6.3	1.1	7.5	10.4	2.5	12.9
Tot. Vehs. On Road (Mils.)	40.3	8.8	49.2	96.8	21.6	118.5
Miles Traveled Per Vehicle	9032	10682	9328	10362	12269	10718
Tot.Veh.Miles Trvld.(Bils.)	364	94	458	1003	265	1268
Veh.Miles Trvld. Per Capita	2415	624	3039	4834	1277	6111
Fuel Used Tot.(Bil.of Gals.)	25.2	10.3	35.5	70.0	29.5	99.5
Fuel Used Per Veh. (Gals.)	626	1170	722	722	1365	840
Fuel Used Per Capita (Gals.)	168	68	236	337	143	480
Fuel Avg. MPG Per Unit	14.4	9.1	12.9	14.3	9.0	12.9
Fuel Cost Per Gallon ($)			0.268			0.361
Personal Income Total (B$)			227.6			939.1
Gross National Product (B$)			286.2			1171.1
Consumer Price Index			72.1			125.3
Population Estimate (Mils.)			150.7			207.5

* Last Full Year Before First Arab Oil Embargo

(slight variations owing to rounding)

VEHICLE OPERATING COSTS & FUEL USAGE KEY YEAR SUMMARIES Table IB 7/86

Years	1975			1976		
Vehicles	Cars	Trucks	Total	Cars	Trucks	Total
Descriptions						
Overall Operating Costs (B$)	180.7	107.6	288.2	198.8B	126.1B	324.9B
-Per Unit ($)	1682	4075	2154	1812	4594	2366
-Per Mile (¢)	0.1890	0.3984	0.2351	0.2010	0.4199	0.2517
-Per Capita ($)	842	501	1344	926	578	1504
Depreciation Cost-Total (B$)	48.9	32.1	81.0	51.9	35.7	87.6
-Per Unit ($)	456	1216	605	473	1293	638
-Per Mile (¢)	0.0512	0.1189	0.0661	0.0525	0.1182	0.0679
-Per Capita ($)	228	150	378	242	166	408
Fuel Cost Total (B$)	42.1	17.1	59.2	45.4	20.2	65.6
-Per Unit ($)	392	648	443	413	732	478
-Per Mile (¢)	0.0441	0.0633	0.0483	0.0458	0.0669	0.0508
-Per Capita ($)	196	80	276	212	94	306
Other Costs Total (B$)	89.6	58.4	148.0	101.5	70.2	171.7
-Per Unit ($)	834	2212	1106	925	2544	1251
-Per Mile (¢)	0.0938	0.2162	0.1207	0.1026	0.2325	0.1330
-Per Unit Analysis ($)						
(Lic., Fees, Ins.)	271	652	346	339	822	436
(Interest)	202	489	259	189	523	256
(Repairs, Misc.)	360	1072	501	397	1199	558
New Veh. Purch.Pr.-Tot.(B$)	37.6	14.7	52.3	46.3	20.1	66.4
-Per Unit ($)	4554	6136	4910	4753	6572	5188
New Vehs.Registered (Mils.)	8.3	2.4	10.7	9.8	3.1	12.8
Tot. Vehs. On Road (Mils.)	107.4	26.4	133.8	109.7	27.6	137.3
Miles Traveled Per Vehicle	8901	10227	9163	9015	10942	9403
Tot.Veh.Miles Trvld.(Bils.)	956	270	1226	989	302	1291
Veh.Miles Trvld. Per Capita	4457	1259	5715	4609	1407	6016
Fuel Used Tot.(Bil.of Gals.)	73.1	29.8	103.0	74.4	33.1	107.5
Fuel Used Per Veh. (Gals.)	681	1130	770	678	1199	783
Fuel Used Per Capita (Gals.)	196	80	276	347	154	501
Fuel Avg. MPG Per Unit	13.1	9.1	11.9	13.3	9.1	12.0
Fuel Cost Per Gallon ($)			0.575			0.610
Personal Income Total (B$)			1245.9			1375.3
Gross National Product (B$)						
Consumer Price Index			161.2			170.5
Population Estimate (Mils.)			212.7			214.6

slight variations owing to rounding)

VEHICLE OPERATING COSTS & FUEL USE Table IC 7/87

Years	1985			1986		
Vehicles	Cars	Trucks	Total	Cars	Trucks	Total
Descriptions						
Overall Operating Costs (B$)	379.3	399.8	779.1	395.1	439.6	834.7
-Per Unit ($)	2,950	9,519	4,568	3,002	9,808	4,731
-Per Mile (¢)	0.3317	0.7890	0.4721	0.3226	0.7821	0.4674
-Per Capita ($)	1589	1675	3263	1651	1837	3488
Depreciation Cost-Total (B$)	63.2	70.7	133.9	68.7	77.3	146.0
-Per Unit ($)	492	1,683	785	522	1,725	828
-Per Mile (¢)	0.0553	0.1395	0.0812	0.0561	0.1376	0.0818
-Per Capita ($)	265	296	561	287	323	610
Fuel Cost Total (B$)	77.5	50.4	128.0	63.3	53.8	117.1
-Per Unit ($)	603	1,201	750	481	1,201	664
-Per Mile (¢)	0.0678	0.0995	0.0775	0.0517	0.0957	0.0656
-Per Capita ($)	325	211	536	264	225	489
Other Costs Total (B$)	238.5	278.7	517.2	263.1	308.5	571.6
-Per Unit ($)	1,856	6,635	3,033	1,999	6,882	3,240
-Per Mile (¢)	0.2086	0.5500	0.3134	0.2149	0.5488	0.3201
-Per Unit Analysis ($)						
(Lic., Fees, Ins.)	646	2650	1139	719	2870	1265
(Interest)	279	856	421	245	727	368
(Repairs, Misc.)	931	3129	1473	1035	3284	1617
New Veh. Purch.Pr.-Tot.(B$)	110.7	72.9	183.6	122.6	72.7	195.4
-Per Unit ($)	10,166	15,592	11,796	11,010	15,147	26,157
New Vehs.Registered (Mils.)	10.9	4.7	15.6	11.1	4.8	15.9
Tot. Vehs. On Road (Mils.)	128.6	42.0	170.6	131.6	44.8	176.4
Miles Traveled Per Vehicle	8,894	12,064	9,675	9,304	12,541	10,122
Tot.Veh.Miles Trvld.(Bils.)	1143	507	1650	1224	562	1786
Veh.Miles Trvld. Per Capita	4,789	2,123	6,912	5,115	2,349	7,463
Fuel Used Tot.(Bil.of Gals.)	70.3	46.1	116.4	69.1	48.2	117.3
Fuel Used Per Veh. (Gals.)	547	1,097	1,644	525	1,076	1,600
Fuel Used Per Capita (Gals.)	294	193	487	289	201	490
Fuel Avg. MPG Per Unit	16.3	11.0	14.2	17.7	11.7	15.2
Fuel Cost Per Gallon ($)	1.103	1.094	1.099	0.916	0.902	1.099
Personal Income Total (B$)			3299.5			3456.0
Gross National Product (B$)			3605.0			3661.4
Consumer Price Index			322.3			327.9
Population Estimate (Mils.)			238.7			239.3

* Last Full Year Before
First Arab Oil Embargo -

Table II

Hertz Estimates 7/87

AVERAGE MOTOR VEHICLE OWNERSHIP & OPERATING EXPENSES 1950-1987
(figures are for both units bought new and those bought used)

YEAR	Passenger Cars					Trucks				
	$ Per Unit	Miles Per Year	¢ Per Mile	Units On Road (Mls.)	Total Spent Bils.$	$ Per Unit	Miles Per Year	¢ Per Mile	Units On Road (Mls.)	Total Spent Bils.$
1950	724	9032	8.00	40.3	29.20	1294	10682	12.11	8.80	11.40
1960	933	9545	9.80	61.6	57.40	1995	10738	18.60	12.20	24.30
1970	1220	10090	12.10	89.3	108.90	2664	11518	23.10	19.10	50.90
1971	1220	10280	11.90	92.8	113.20	2755	11485	24.00	20.20	55.70
1972	1256	10362	12.10	96.8	121.60	3029	12269	24.69	21.60	65.40
1973	1288	9597	13.40	101.8	131.10	3112	10970	28.37	23.70	73.75
1974	1471	8732	16.85	104.9	154.30	3696	10960	33.72	25.00	93.50
1975	1682	8901	18.90	107.4	180.70	4075	10227	39.84	26.40	107.60
1976	1812	9015	20.10	109.7	193.80	4594	10942	41.99	27.60	126.10
1977	1914	9199	20.81	114.1	218.40	5310	11379	46.67	29.70	157.70
1978	2092	9165	22.82	118.6	248.10	6176	11428	54.04	31.50	194.50
1979	2352	8850	26.57	119.1	280.10	6978	10943	63.77	33.90	236.60
1980	2631	8224	31.09	120.5	317.00	8067	10935	73.77	35.30	284.80
1981	2790	8081	34.53	122.0	340.40	8368	10609	78.89	36.10	302.10
1982	2847	8037	35.42	123.2	350.70	8500	10760	79.00	37.00	314.40
1983	2744	8317	33.00	124.5	341.80	8726	11092	78.67	38.10	332.80
1984	2814	8586	32.78	125.7	353.90	9114	11559	78.76	38.60	351.50
1985	2950	8894	33.17	128.6	379.28	9519	12064	78.90	42.01	399.84
1986	3002	9304	32.26	131.6	395.08	9577	12541	76.37	44.83	429.32

Total Both Cars & Trucks

	$ Per Unit	Miles Per Year	¢ Per Mile	Units On Road (Mls.)	Total Spent Bils.$
1950	825	9328	8.84	49.2	40.60
1960	1107	9742	11.40	73.8	81.70
1970	1475	10341	14.30	108.4	159.80
1971	1495	10496	14.20	113.0	168.90
1972	1579	10718	14.73	118.5	187.00
1973	1632	9857	16.56	125.4	204.80
1974	1903	9165	20.77	130.2	247.80
1975	2154	9163	23.51	133.8	288.20
1976	2366	9403	25.17	137.3	324.90
1977	2615	9649	27.11	143.9	376.10
1978	2949	9640	30.79	150.1	442.60
1979	3377	9314	36.26	153.0	516.70
1980	3863	8838	43.70	155.8	601.80
1981	4064	8659	46.93	158.1	642.50
1982	4152	8666	47.92	160.2	665.10
1983	4147	8967	46.24	162.7	674.70
1984	4294	9284	46.25	164.4	705.71
1985	4568	9675	47.21	170.6	779.12
1986	4672	10126	46.72	131.6	824.40

Apparent highs —>*

Passenger Cars — PERCENTAGE CHANGES Since 1972

Miles A Year MINUS	Cents A Mile PLUS
0.07	0.11
0.16	0.39
0.14	0.56
0.13	0.66
0.11	0.72
0.12	0.89
0.15	1.20
0.21	1.57
0.22	1.85
0.22	1.93
0.20	1.73
0.17	1.71
0.14	1.74
0.10	1.67

(slight variations owing to rounding)

III ESTIMATED 1986 MILEAGE & FUEL BY PURPOSE & VEHICLE TYPE

Hertz Estimates — REVISED 8/87

YEAR	NON-PLEASURE TRAVEL: *TRUCK <Truck & Psgr.Car> <Business Travel> Miles (Bls.)	Fuel Use (Bls. Gals.)	NON-PLEASURE TRAVEL: *PASSENGER CAR <Essential/ /Family Use/ Miles (Bls.)	Fuel Use (Bls. Gals.)	NON-PLEASURE TRAVEL: *PASSENGER CAR /+Commutation> Miles (Bls.)	Fuel Use (Bls. Gals.)	PLEASURE—<PassengerCar> <Pleasure Usage> Mile (Bls.	Fuel Use (Bls. Gals.)
1950	94.0	10.30	62.3	14.33	207.0	14.38	102.0	7.06	95.0	6.49
1960	131.0	16.70	100.6	7.03	334.0	23.36	170.0	11.87	153.0	10.81
1970	220.0	26.50	159.8	11.66	508.0	37.08	268.0	19.53	233.0	17.06
1971	232.0	28.00	164.6	12.01	549.0	40.07	287.0	20.98	241.0	17.42
1972	265.0	29.50	167.0	11.68	573.0	40.07	303.0	21.20	263.0	18.25
1973	260.0	30.40	157.4	12.11	561.0	43.15	297.0	22.88	259.0	19.64
1974	274.0	29.90	143.9	11.51	529.0	42.32	281.0	22.46	244.0	19.47
1975	270.0	29.70	148.2	11.31	553.0	42.21	294.0	22.42	254.0	19.68
1976	302.0	33.10	154.7	10.67	572.0	43.01	303.0	22.82	262.0	20.72
1977	338.0	36.70	161.1	10.39	630.0	45.99	323.0	23.58	258.0	20.22
1978	360.0	38.30	171.1	10.06	652.0	46.57	334.0	23.89	264.0	20.97
1979	371.0	38.60	166.7	9.26	658.0	45.89	324.0	22.70	229.0	18.05
1980	386.0	40.10	152.5	8.03	637.0	44.44	315.0	21.94	201.0	15.83
1981	383.0	39.10	150.9	7.82	636.0	43.47	314.0	21.42	199.0	15.31
1982	398.0	40.40	151.7	7.40	639.0	43.32	316.0	21.41	198.0	15.10
1983	423.1	41.64	191.4	8.95	582.1	38.50	360.2	23.82	262.2	19.21
1984	446.3	43.67	196.9	8.88	597.5	39.71	362.9	23.69	285.2	20.44
1985	506.8	46.10	203.4	8.82	632.8	37.87	364.6	22.88	307.2	25.02
1986	562.2	46.95	223.1	9.20	658.1	38.40	416.7	24.21	321.4	26.10

	SUB-TOTAL CARS Miles (Mls.)	Fuel Use (Bils. Gals.	ESTIMATED SUB-TOTAL NON-PLEASURE TRIPS CARS & TRUCK Bils. Gals.		ESTIMATED SUB-TOTAL PLEASURE TRIPS CARS & TRUCKS Mile (Bls	Fuel Use Bls. Gals.	GRAND TOTAL CARS & TRUCKS Miles (Bls.	Fuel Use (Bils. Gals.)
1950	364.3	35.20	352.0	37.77	106.3	7.73	458.3	45.50
1960	587.6	41.20	549.9	45.09	168.7	12.81	718.6	57.90
1970	900.8	65.80	861.4	72.06	259.4	20.24	1120.8	92.30
1971	954.6	69.50	917.8	76.72	268.8	20.78	1186.6	97.50
1972	1003.0	70.00	973.2	77.71	294.8	21.79	1268.0	99.50
1973	977.4	74.90	947.2	82.01	290.2	23.29	1237.4	105.30
1974	916.9	73.30	914.0	80.14	276.9	23.06	1190.9	103.20
1975	955.2	73.20	938.8	79.66	286.4	23.24	1225.2	102.90
1976	988.7	74.40	992.5	82.81	298.2	24.69	1290.7	107.50
1977	1049.1	76.60	1088.5	89.68	298.6	24.62	1387.1	113.30
1978	1087.1	77.60	1139.9	90.33	307.2	25.57	1447.1	115.90
1979	1053.7	73.20	1151.2	89.12	273.5	22.68	1424.7	111.80
1980	990.5	68.30	1129.2	87.76	247.3	20.64	1376.5	108.40
1981	985.9	66.60	1123.9	85.70	245.0	20.00	1368.9	105.70
1982	988.7	65.82	1140.9	86.27	245.8	19.95	1386.7	106.22
1983	1035.7	66.66	1145.8	84.09	313.0	24.21	1458.8	108.30
1984	1079.6	69.03	1187.2	87.01	338.8	25.68	1525.9	112.70
1985	1143.4	70.29	1275.8	87.25	374.3	30.55	1650.2	116.39
1986	1202.6	73.70	1368.9	88.92	395.8	31.73	1764.7	119.94

NOTE: Commuting part of essential family use. * An estimated 13.25% of "Passenger-car" type travel actually done in small trucks in 1985.

NCTB1A.p86 & MVTAB4A.p86

The Hertz Corp.
6/87

HERTZ ESTIMATES OF 1986 NEW CAR OWNERSHIP & OPERATING COSTS

<-SUB_COMPACT->	<-------'COMPACT'------->				INTER-MEDIATE	STAN-DARD
Years Use	<- At CONSTANT Annual Mileages -> (in cents per mile)					
	10000	5000	9,304 **** * **	10000	20000	10000	10000
1	0.4827	1.0451	0.6129	0.5899	0.3513	0.6616	0.7781
2	0.4606	0.9826	0.5843	0.5596	0.3364	0.6286	0.7346
3	0.4359	0.9129	0.5548	0.5628	0.3241	0.5926	0.6887
4	0.4165	0.8704	0.5293	0.5014	0.3150	0.5645	0.6532
5	0.4042	0.8328	0.5098	0.4848	0.3083	0.5464	0.6298
6	0.3791	0.7678	0.4748	0.4524	No Data	0.5109	0.5861
7	0.3601	0.7146	0.4481	0.4278	Over	0.4841	0.5528
8	0.3443	0.6736	0.4275	0.4074	100,000	0.4617	0.5251
9	0.3315	0.6384	0.4094	0.3907	Miles	0.4434	0.5025
10	0.3210	0.6121	0.3947	0.3771	——	0.4285	0.4840

HISTORICAL COMPARISONS OF NEW 'INTERMEDIATE' SIZE CAR

	<-@ Estimated Varying Mileage Yearly->				<-@ Constant 10,000->		
	3-Year Average Annual Mileage	3-Year Use Cost Cents-Per-Mile	10-Year Average Annual Mileage	10-Year Use Cost Cents-Per-Mile	MILES PER YEAR 3 Yr. Use Cost	10-Yr. Use Cost	AVG.COST Of 3-Yr. Use In Constant
Year	C.P.M.	$ P.Y.	M.P.Y.	C.P.M.	$ P.Y.		(1986) $
1925E	5835	0.1690	Not Available		0.1150	N/A	0.7183
1950	12771	0.0930	9032	0.0800	0.1090	0.0770	0.4656
1960	13497	0.1220	9545	0.0980	0.1440	0.0950	0.5323
1970	14267	0.1470	10090	0.1210	0.1900	0.1220	0.5357
1971	14567	0.1430	10280	0.1190	0.1870	0.1210	0.5055
1972	14652	0.1510	10362	0.1210	0.1970	0.1240	0.5155
1973	13570	0.1620	9597	0.1340	0.2020	0.1310	0.4976
1974	12300	0.2070	8732	0.1710	0.2380	0.1590	0.5284
1975	12561	0.2320	8901	0.1890	0.2720	0.1770	0.5899
1976	11885	0.2480	9015	0.2010	0.2810	0.1790	0.5410
1977	12127	0.2620	9199	0.2080	0.3010	0.2000	0.5438
1978	12082	0.2910	9165	0.2310	0.3310	0.2200	0.5557
1979	11666	0.3400	8850	0.2870	0.3800	0.2640	0.5737
1980	10841	0.4150	8224	0.3450	0.4400	0.3100	0.6103
1981	10652	0.4860	8081	0.4080	0.5090	0.3590	0.6429
1982	10594	0.5168	8037	0.4370	0.5400	0.3831	0.6167
1983	10963	0.4986	8317	0.4247	0.5338	0.3810	0.5911
1984	11318	0.4887	8586	0.4208	0.5377	0.3827	0.5675
1985	11724	0.5048	8894	0.4437	0.5684	0.4149	0.5783
1986*	12264	0.4493	9304	0.3947	0.5926	0.4285	0.5926

* Updated; this table originally issued 2/87

MVTAB4B

The Hertz Corp.
7/87

HERTZ ESTIMATES OF 1986 MODEL NEW
PASSENGER CAR OWNERSHIP & OPERATING COSTS

Years Used	'COMPACT' MODEL — AVERAGES At CONSTANT 9304 M.P.Y. ¢.P.M.	$ P.Y.	'COMPACT' MODEL — 9,304 AVERAGES At DECLINING Annual Miles AVERAGING 9304 Over 10-Yr.Period M.P.Y.	¢.P.M.	$ P.Y.
1	0.6129	5,702.34	14,152	0.4444	6,289.15
2	0.5843	5,436.33	13,083	0.4521	5,914.82
3	0.5548	5,161.88	12,264	0.4493	5,510.22
4	0.5293	4,924.39	11,484	0.4506	5,174.69
5	0.5098	4,743.42	11,005	0.4507	4,959.95
6	0.4748	4,417.12	10,684	0.4307	4,601.60
7	0.4481	4,169.41	10,422	0.4152	4,327.21
8	0.4275	3,977.35	10,134	0.4036	4,090.08
9	0.4094	3,809.21	9,787	0.3951	3,866.84
10	0.3947	3,672.27	9,304	0.3947	3,672.27

NOTE: Above Costs Are AVERAGES For Different Use/Mileage periods; those below are for each INDIVIDUAL year.

CURRENT 1986 DATA 'COMPACT' CAR EXPENSES

YEARLY Costs & Mileages for Different Ownership Periods (Not AVERAGES for ALL Years, As Listed Above)

Year of Use	AVERAGES At CONSTANT 9304 YEARLY Mileages ¢.P.M.	$ P.Y.	9,304 AVERAGES At Listed DECLINING YEARLY Mileages AVERAGING 9304 M.P.Y. M.P.Y.	¢.P.M.	$ P.Y.
1	0.6129	5,702.42	14,152	0.4444	6,289.15
2	0.5557	5,170.23	12,014	0.4610	5,538.45
3	0.4958	4,612.92	10,626	0.4425	4,702.01
4	0.4527	4,211.92	9,144	0.4558	4,167.84
5	0.4320	4,019.33	9,089	0.4512	4,100.96
6	0.2994	2,785.62	9,079	0.3097	2,811.77
7	0.2884	2,683.27	8,850	0.3030	2,681.55
8	0.2830	2,633.03	8,118	0.2988	2,425.25
9	0.2648	2,464.07	7,011	0.2969	2,081.22
10	0.2622	2,439.88	4,957	0.3883	1,924.56
Tot.	0.3947	3,672.27	9,304	0.3947	3,672.27

Slight variations owing to rounding.